

REMARKS

Claims 6-12, 14-17 and 19-22 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

Claims 6-12, 14-17 and 19-22 presently stand rejected under 35 U.S.C. § 103 as being obvious over GB 1598257 in view of Shibayama et al. (U.S. Pat. 6,262,508) and, with respect to claims 9 and 20, further in view of Torok et al. (U.S. Pat. 5,117,144). These rejections are respectfully traversed.

Claim 6 has been amended herein into independent form. Further, independent claims 6, 10 and 19 as amended herein now each recite a doubly salient permanent magnet machine having a stator, a rotor having no magnets located therein, and a unipolar drive for driving rotation of the rotor relative to the stator with unipolar current. In contrast, GB '257 discloses a standard DC motor or generator. As is well known in the art, standard DC motors and generators do NOT utilize unipolar currents. Further, Shibayama teaches a rotor having magnets and will not function with unipolar currents, while claims 6, 10 and 19 specifically recite a unipolar drive and a rotor having no magnets therein. Thus, whether considered alone or in combination, GB '257 and Shibayama fail to teach or suggest the doubly salient permanent magnet machine recited by claims 6, 10 and 19, and therefore fail to render obvious such claims or claims 7-9, 11, 12, 14-17 and 20-22 which depend therefrom. Further, the addition of Torok fails to overcome these shortcomings of the GB '257 and Shibayama references. For all these reasons, the Examiner is respectfully requested to reconsider and withdraw the § 103 rejection of claims 6-12, 14-17 and 19-22.

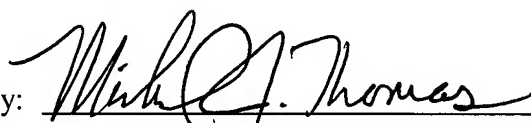
Claims 6-12, 14-17, 19 and 20 also stand provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-2, 6-8 and 11-15 of Application No. 10/035366. However, in view of the claim amendments discussed above, it is clear that the claims of the instant application are patentably distinct from those of Application No. 10/035366. Accordingly, applicant respectfully submits that the double patenting rejection should be withdrawn.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (314) 726-7500.

Respectfully submitted,

Dated: 11-26-03

By: 
Michael J. Thomas, Reg. No. 39,857
Harness, Dickey & Pierce, P.L.C.
7700 Bonhomme, Suite 400
St. Louis, Missouri 63105
(314) 726-7500 – Telephone
(314) 726-7501 -- Facsimile